

# ANEMOMETER

## AM-100

- Strong nylon material used for transmitter case
- True wind speed/direction available
- Up to 4 display units and 6 data output
- Type approval with CCS



**AM-100T TRANSMITTER**



**AM-100R  
REMOTE BUTTON**



**AM-100D DISPLAY UNIT**

- AM-100 Digital Anemometer is designed for marine use. With case made of nylon and PC material, AM-100 can stand strong wind of 60+m/s and can be installed outdoor without corrosion.
- AM-100 can support up to 4 display units to indicate wind speed and direction at four locations onboard. Maximum 6 ports of RS422 output are available, to provide wind data to other navigation devices.
- Real wind direction and speed can be indicated when AM-100 is connected with speed log and compass. The heading and speed data can also be provided with COG & SOG from GPS receiver, if the connection with speed log and compass is not possible in some cases.



## SPECIFICATIONS

- **Wind Range:** Wind direction 0~360°  
Wind velocity 0~60 m/s
- **Accuracy:** Wind direction  $\pm 5^\circ$   
Wind velocity  $\pm (0.5 + V \times 5\%) \text{ m/s}$
- **Power Supply:** AC 110 V/220 V
- **Output Data:** NMEA 0183 (6 ports, RS422), 4800 bps
- **Input Signal:** Gyro Compass, NMEA 0183, RS422  
Speed Log, NEMA 0183, RS422
- **Display Capacity:** Max 4 Display Units to be connected
- **Environment:** Outdoor -30°C~+70°C, Indoor -15°C~+55°C
- **Size (Transmitter Unit):** 627 (H)×605 (L)×243 (propeller diameter) mm
- **Weight:** 4.5 kg (Transmitter unit)
- **IP Grade:** IP22 (Display Unit, Junction Box, Remote Button)  
IP66 (Transmitter Unit)

## EQUIPMENT LIST

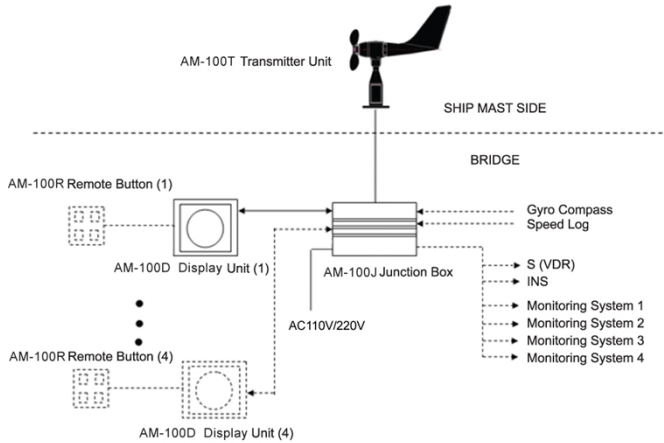
### ● STANDARD

|                          |         |       |
|--------------------------|---------|-------|
| - Transmitter Unit       | AM-100T | 1 pc  |
| - Display Unit           | AM-100D | 1 pc  |
| - Junction Box           | AM-100J | 1 pc  |
| - Outdoor Cable          | 40 m    | 1 pc  |
| - Indoor Cable           | 10 m    | 1 pc  |
| - Installation Materials |         | 1 set |

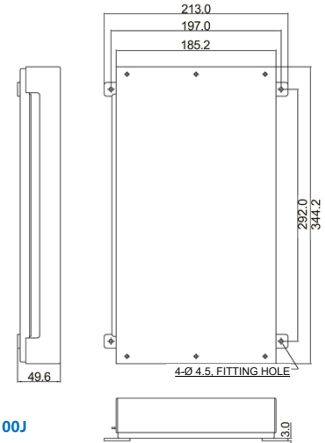
### ● OPTIONS

|                           |         |  |
|---------------------------|---------|--|
| - Remote Button           | AM-100R |  |
| - Additional Display Unit | AM-100D |  |
| - Additional Cables       |         |  |

## SYSTEM DIAGRAM



## SIZE DIMENSION



## SIZE DIMENSION

